

**Report Date:** 04 Feb 2013

**Summary Report for Individual Task  
011-143-0025  
Decode METAR Weather Reports  
Status: Approved**

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DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

**Condition:** Given a requirement to provide pilots with information contained in the encoded United States (CONUS) or International (Overseas) Aviation Routine Weather Report (METAR). The appropriate manuals are on hand for your use. Some iterations of this task may be performed in MOPP.

**Standard:** Decode information contained in Aviation Routine Weather Report (METAR) in accordance with (IAW) DOD Flight Information Handbook (FIH) Section C, Federal Aviation Administration (FAA) Advisory Circular (AC) 00-45 AWS Section 2 & 3, FAA AC 00-6 AW, FAAO (JO) 7110.10, FAAO JO 7340 (Aeronautical Contractions), FAAO JO 7350.8R (Location Identifiers), and FAA-H-8083-25 Pilot Handbook of Aeronautical Knowledge; Chapter 12.

**Special Condition:** None

**Special Standards:** None

**Special Equipment:**

**Safety Level:** Low

**MOPP:**

Task Statements
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**Cue:** A current METAR encoded weather report has been received.

**DANGER**

None

**WARNING**

None

**CAUTION**

None

**Remarks:** None

**Notes:** None

### Performance Steps

1. Decode information contained in aviation routine weather report (METAR) IAW DOD FIH, FAA AC 00-45, FAA AC 00-6 AW, FAAO JO 7110.10, FAAO JO 7340, FAAO JO 7350.8R and Pilot Handbook of Aeronautical Knowledge.

- a. Identify type of report (METAR or SPECI).
- b. Decode station Identifier
- c. Decode time of report.
- d. Decode wind data.
- e. Decode the wind as steady or variable
- f. Decode visibility data.
- g. Decode Runway Visual Range (RVR).
- h. Decode weather elements and obstructions to vision.
- i. Decode sky and ceiling conditions.
- j. Decode temperature and dew point.
- k. Decode altimeter setting.
- l. Decode information in the remarks section of the METAR.

2. Relay decoded METAR to pilot using appropriate Phraseology.

(Asterisks indicates a leader performance step.)

**Evaluation Preparation:** In actual setting , require the Soldier to interpret and post a METAR weather report. However, the requirement may be simulated by providing the Soldier with a sample weather report and asking him/her to decode it

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Decoded information contained in aviation routine weather report (METAR) IAW DOD FIH, FAA AC 00-45, FAA AC 00-6 AW, FAAO JO 7110.10, FAAO JO 7340, FAAO JO 7350.8R and Pilot Handbook of Aeronautical Knowledge.			
a. Identified type of report (METAR or SPECI).			
b. Decoded station Identifier.			
c. Decoded time of report.			
d. Decoded wind data.			
e. Decoded the wind as steady or variable.			
f. Decoded visibility data.			
g. Decoded Runway Visual Range (RVR).			
h. Decoded weather elements and obstructions to vision.			
i. Decoded sky and ceiling conditions.			
j. Decoded temperature and dew point.			
k. Decoded altimeter setting.			
l. Decoded information in the remarks section of the METAR.			
2. Relayed decoded METAR to pilot using appropriate phraseology.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	APPROPRIATE DOD FLIPS	APPROPRIATE DOD FLIPS	Yes	No
	FAA JO 7350.	Location Identifiers(Use Current Version)	Yes	No
	FAA JO 7350.7A	Location Identifiers(Use Current Version)	Yes	No
	FAA-H-8083-25	Pilot's Handbook of Aeronautical Knowledge(Use current version)	Yes	No
	FAAH 7340.1	Aeronautical Contractions(Use Current Version)	Yes	No

**Environment:** It is the responsibility of all Soldiers and DA civilians to protect the environment, and to participate in the Army's Environmental Management System (EMS) at the installation where they are assigned. The key points of an EMS are:

- We are committed to the prevention of pollution.
- We are committed to meeting all applicable legal and regulatory requirements.
- We will strive for continual improvement in environmental management.

A sustainable installation will use resources wisely to support the current mission, without compromising the ability to accomplish future missions.

Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment and reduce waste during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects.

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination.

**Prerequisite Individual Tasks :** None

**Supporting Individual Tasks :**

Task Number	Title	Proponent	Status
011-143-0012	Process Pilot Reports (PIREPS)	011 - Aviation (Individual)	Approved
011-143-5055	Record ATC Facility Daily Activities	011 - Aviation (Individual)	Approved

**Supported Individual Tasks :**

Task Number	Title	Proponent	Status
011-000-0012	Process Pilot Reports (PIREPS)	011 - Aviation (Individual)	Analysis
011-143-5055	Record ATC Facility Daily Activities	011 - Aviation (Individual)	Approved
011-143-0012	Process Pilot Reports (PIREPS)	011 - Aviation (Individual)	Approved

**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
N/A	N/A	Not Selected	Delete

**ICTL Data :**

ICTL Title	Personnel Type	MOS Data
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15Q AIR TRAFFIC CONTROL ICTL (Consolidated)	Enlisted	MOS: 15Q
ICTL Aviation Operations Specialist Composite SL 1- 4	Enlisted	MOS: 15P
15Q10 Air Traffic Control ICTL	Enlisted	MOS: 15Q, Skill Level: SL1, LIC: EN